

reticulatis; inflorescentia axillaris; pedicelli fasciculati, ad 1.6 cm. longi; flores glabri, ut videtur dioici, pistillati, ad 7.5 cm. diam.; sepala 5, glabra, ovato-elliptica, ad 4 mm. longa, apice rotundata; discus crassus, annulatus; ovarium glabrum, 3-loculare; stigma crassum, trilobum.

Guatemala: Dept. Peten, La Cumbre, in high forest, 3 km. west of km. 137 of Cadenas Road, July 29, 1969, Elias Contreras 8778 (holotype, LL; isotype, LL), shrub, 15 ft. high, 3 in. diam., flowers greenish-yellow.

The relationship of P. petenensis appears to be with P. capillipes Blake from the Department of Izabal, Guatemala. The petioles 2--3 mm. long, large leaves mostly ovate-oblong and broadly rounded or truncate at base, the axillary fasciculate slender pedicels of the pistillate flowers, the 5 large pistillate sepals up to 4 mm. long, elevated and thick annular disc, the three large sessile thick stigmas, with ovary 3-celled with 2 ovules in each cell are characteristics distinguishing P. petenensis.

A NEW SPECIES OF CYBIANTHUS (MYRSINACEAE)
FROM COSTA RICA

Cyrus Longworth Lundell

CYBIANTHUS TALAMANCENSIS Lundell, sp. nov. -- Frutex; ramuli graciles, apice parce stipitato-glandulosi, glabrati; folia coriacea, parvissima, sessilis, glabrata, oblanceolata vel obovata, ad 2 cm. longa, 7 mm. lata, apice obtusa, basi lata, minute auriculata, margine revoluta, integra, nigropunctata; inflorescentia axillaris, racemosa, ad 1.5--2 cm. longa, pedunculata, pauciflora; pedicelli ad 2.5 mm. longi; flores 5-meri; sepala parva, ovata, ca. 1 mm. longa, parce punctata, subintegra, apice obtusiuscula; corolla ca. 2.6 mm. longa; petala late ovata, ad 2 mm. longa, paucipunctata, subintegra, apice rotundata; antherae subsessiles, ovatae; ovarium depresso-globosum, glabrum; stylus ca. 0.4 mm. longus.

Costa Rica: Limon, Cordillera de Talamanca, Cerro Kamuk massif, between Cerro Dudu and Cerro Aprí, shrub paramo dominated by Diplostegium, Blechnum and other shrubs 1.5--2 m. tall, alt. 2900--3100 m., Mar. 23 & 26, 1984, Gerrit Davidse, G. Herrera Ch. & R. H. Warner 25920 (holotype, LL), shrub 50 cm. tall, petals whitish with purple on the back, anthers pale yellow.

C. talamancensis has the smallest leaves of any species of the genus in Central America. This taxon growing with low shrubs at a high altitude in the Cordillera de Talamanca has 5-parted flowers with subsessile ovate anthers borne on top of the short corolla tube. Its flowers appear to be bisexual for the anthers and ovary are well developed. Noteworthy is the line of small black glands along the leaf margin.